

## LAW OFFICES

## SUGHRUE, MION, ZINN, MACPEAK &amp; SEAS, PLLC

2100 PENNSYLVANIA AVENUE, N.W.  
WASHINGTON, D.C. 20037-3202  
TELEPHONE (202) 293-7060  
FACSIMILE (202) 293-7860

## CALIFORNIA OFFICE

1010 EL CAMINO REAL  
MENLO PARK, CA 94025  
TELEPHONE (650) 325-5800  
FACSIMILE (650) 325-6606



June 23, 2000

## JAPAN OFFICE

TOEI NISHI SHIMBASHI BLDG. 4F  
13-5 NISHI SHIMBASHI 1-CHOME  
MINATO-KU, TOKYO 105, JAPAN  
TELEPHONE (03) 3503-3760  
FACSIMILE (03) 3503-3756



## BOX: PATENT APPLICATION

Assistant Commissioner for Patents  
Washington, D.C. 20231

Re: Application of Shinichi IRISAWA and Yoshitaka OHSHIMA  
ARC TUBE AND MANUFACTURING METHOD THEREFOR  
Our Reference: Q59149

Dear Sir:

Attached hereto is the application identified above including the specification, claims, executed Declaration and Power of Attorney, six (6) sheets of drawings, Information Disclosure Statement, PTO Form 1449 with references, executed Assignment and PTO Form 1595.

The Government filing fee is calculated as follows:

Total Claims	5 - 20 =	0 x \$18 =	\$ 000.00
Independent Claims	2 - 3 =	0 x \$78 =	\$ 000.00
Base Filing Fee	(\$690.00)		\$ 690.00
Multiple Dep. Claim Fee	(\$260.00)		\$ 000.00
<b>TOTAL FILING FEE</b>			<b>\$ 690.00</b>
Recordation of Assignment Fee			\$ 40.00
<b>TOTAL U.S. GOVERNMENT FEE</b>			<b>\$ 730.00</b>

Checks for the statutory filing fee of \$ 690.00 and Assignment recordation fee of \$ 40.00 are attached. You are also directed and authorized to charge or credit any difference or overpayment to Deposit Account No. 19-4880. The Commissioner is hereby authorized to charge any fees under 37 C.F.R. 1.16 and 1.17 and any petitions for extension of time under 37 C.F.R. 1.136 which may be required during the entire pendency of the application to Deposit Account No. 19-4880. A duplicate copy of this transmittal letter is attached.

Priority is claimed from:

Japanese Patent Application

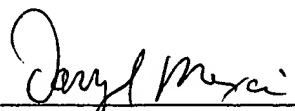
Hei. 11-180411

Filing Date

June 25, 1999

The priority document will be submitted at a later date.

Respectfully submitted,  
SUGHRUE, MION, ZINN, MACPEAK & SEAS  
Attorneys for Applicant(s)

By   
Darryl Mexic  
Registration No. 23,063

DM:clf